

ABSTRACT

A pipe coupling for joining two sections of pipe provides six degrees of freedom where the pipe coupling includes an inlet portion, an outlet portion disposed opposite the inlet portion, and an intermediate portion disposed between the inlet and outlet portions for providing relative movement between the inlet portion and the outlet portion. The intermediate portion has a plurality of corrugations disposed about a circumference of the pipe coupling and each corrugation includes first and second arms diverging from a common vertex toward the inlet portion and outlet portion, respectively. The arms diverge at substantially a forty-five degree angle forming a V-shape, and each arm terminates at a transition area where each arm of the corrugation blends with the inlet portion and outlet portion, respectively.